

WHAT IS CLAIMED IS:

1. A process of abstracting file paths for a plurality of design files in a computer readable language comprising steps of:
  - 5 a) generating a description file defining file paths to the design files in a first environment;
  - b) parsing the description file to identify file paths to each of the design files; and
  - c) generating an index correlating each  
10 description file and its respective file path for the first environment.
2. The process of claim 1, wherein step (b) comprises:
  - 15 b1) defining a directory of description files defining file paths in the first environment, and
  - b2) parsing the directory.
3. The process of claim 2, further comprises:
  - 20 d) defining a file path in a second environment for each description file,
  - e) applying the index to the file paths in the second environment to define full file paths for each design file through the first and second  
25 environments, and
  - f) applying the design files to the second environment using the full file paths.

4. The process of claim 3, further comprising:  
g) before step f), constructing a list containing design file names and respective full paths through the first and second environments.

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5. The process of claim 3, wherein step e) comprises:

combining file paths in the index with respective file paths in the second environment.

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6. The process of claim 1, further comprises:

d) defining a file path in a second environment for each description file,

15 e) applying the index to the file paths in the second environment to define full file paths for each design file through the first and second environments, and

f) applying the design files to the second environment using the full file paths.

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7. The process of claim 6, further comprising

g) before step f), constructing a list containing design file names and respective full paths through the first and second environments.

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8. The process of claim 6, wherein step e) comprises:

combining file paths in the index with respective file paths in the second environment.

9. The process of claim 8, wherein the combining step comprises concatenating the respective file paths.

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10. A process of applying a plurality of design files in a hardware description language to a second environment, comprising steps of:

a) providing an index correlating a  
10 description file and its respective file path in a first environment, the description file defining a file paths to the design files in the first environment;

b) defining a file path in the second  
15 environment for each description file;

c) applying the index to the file paths in the second environment to define full file paths for each design file through the first and second environments; and

20 d) applying the design files to the second environment using the full file paths.

11. The process of claim 10, further comprising

e) before step d), constructing a list  
25 combining design file names and respective full paths through the first and second environments.

12. The process of claim 10, wherein step d) comprises:

combining file paths in the index with respective file paths in the second environment.

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13. A computer usable medium having a computer readable program embodied therein for addressing computer readable description files that define file paths in a first environment for design files in a computer readable language, the computer readable program data causing the computer to abstract the file paths for the design files, the computer readable program comprising:

15 first computer readable program code for causing the computer to parse the description files to identify file paths to each of the plurality of design files; and

20 second computer readable program code for causing the computer to generate an index correlating each description file and its respective file path.

14. The computer usable medium of claim 13, wherein the first computer readable program code comprises:

25 computer readable program code for causing the computer to define a directory of description files, and

computer readable program code for causing the computer to parse the directory.

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15. The computer usable medium of claim 14,  
wherein each file path generated by the computer by  
execution of the second computer readable code is  
defined in the first environment, and the computer  
5 readable program further comprises:

computer readable program code for causing the  
computer to define a file path in a second  
environment for each description file,

10 computer readable program code for causing the  
computer to apply the index to the file paths in the  
second environment to define full file paths for each  
design file through the first and second  
environments, and

15 computer readable program code for causing the  
computer to apply the design files to the second  
environment using the full file paths.

16. The computer usable medium of claim 15,  
wherein the computer readable program further  
20 comprises:

computer readable program code for causing the  
computer to construct a list containing design file  
names and respective full paths through the first and  
second environments.

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17. The computer usable medium of claim 15,  
wherein the computer readable program code for  
causing the computer to define full file paths causes

the computer to combine file paths in the index with respective file paths in the second environment.

18.           The computer usable medium of claim 13,  
5   wherein each file path generated by the computer by execution of the second computer readable code is defined in the first environment, and the computer readable program further comprises:

          computer readable program code for causing the  
10   computer to define a file path in a second environment for each description file,

          computer readable program code for causing the  
          computer to apply the index to the file paths in the  
          second environment to define full file paths for each  
15   design file through the first and second environments, and

          computer readable program code for causing the  
          computer to apply the design files to the second  
          environment using the full file paths.

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19.           The computer usable medium of claim 18,  
          wherein the computer readable program further comprises:

          computer readable program code for causing the  
25   computer to construct a list containing design file names and respective full paths through the first and second environments.

20. The computer usable medium of claim 18,  
wherein the computer readable program code for  
causing the computer to define full file paths causes  
the computer to combine file paths in the index with  
5 respective file paths in the second environment.